ULLIZED RACE NUMBER

OCTOBER 23, 1922

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SPECIAL FEATURES

THE THIRD PULITZER RACE DETROIT RACE IMPRESSIONS GEN. MITCHELL SETS NEW WORLD'S SPEED RECORD

> THE GARDNER, MOFFAT CO., INC. HIGHLAND, N. Y. 225 FOURTH AVENUE, NEW YORK

Entered as Second-Class Matter, Nov. 23, 1920, at the Post Office at Highland, R. Y.

Natur 23, 1660





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LONG ISLAND CITY, NEW YORK

CURTISS FIRST

Licutement R. L. Maughen, U. S. A., won the Pulitzer Trophy in the Army-Curtis Raper No. 2. Average speed 206 m.m.b. for the 160 rolls course.

Lieutement L. J. Meitland won second place in the Army-Curtiss Racer No. 1, the good for the entire course was at the rate of 196.9 m.s.b.

THIRD









THE CURTISS AEROPLANE AND MOTOR CORPORATION



The leaderable of AVIATION is not only bosed upon well reserved editerial eninions, but uson carefully edited news columns, estated special erticles and well illustrated pages. Week by week AVIATION is helping to build up confidence in eir tremsportation and pointing out how it may be conducted with "safety

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in the public and with neofit to the investor".

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Taught to Fly in Record Time

N the morning of September 22, 1922. Kenneth M. Laur of Duston, who had never previously tauched the controls of an amplane, took his first autroctors flight with

conditable style.

by manua of the extraordipery attributes of the type surplane enerl. Years of narretaking study and research have regulted, thus the perfection of the Dayton Wright "Chusseny", is the position of an applane so stable and so cary to fiv that g is safe in the bands of any another spectamen. The ship really than strell with hands of all controls. It is proof from "snas" - by far the swatest individual crase of serious erridents

DAYTON WRIGHT COMPANY



AVIATION

Outster 21, 1925

CONTENTS

The Prelimentry Lord Plane Races at Detreat

> THE GARDNER, MOFFAT COMPANY, Inc., Publishers HIGHLAND N Y 725 EDERTH AVENUE NEW YORK

Constitution are specifically around the Line Market Acres tre costs. Carolio, fee delicat. Foreign, sie delices. Extend as second-class matter Nos. 52, 7200, of the a word. Courrich 2002, by the Garden, Majet Com- Paul Office of Significant, N. Y., under not of March.

THOMAS-MORSE AIRCRAFT CORPORATION



MMPLICITY

AVIATION

Error F Worse

OCTOBER 23, 1922

Then West stress Thick West TUDGENG peoply from surface industriess, it much seem as if the 1922 Painting Trapky race had satisful the conmaniet court as to the ones of three and thick some. The

higher in despite its greater apparent paralle resistance

new months for high speed work than the Black amblever

weight envying slope them the this wing biplane. Naviethethe their wing mescopium, as a type, is had few years old which participated on this year's Publicar rate were the first which were on the whole highly creditable, in merely another

The Navy and the Publisher Race W7HILE the New has not assemble to robust on the con are-cooled engage. A substituting segme of the type in a radicing makes it much loss valuerable to market gues fire restlant difficulty of enclosure it us a fundame as that it will becoming of a large acr-cooled engage in also of ill much of a medden, and a explore why the Army properly thing, where cooled success as perferred as the more reliable type Becarding the Carties expines which figured so prostnestly in the Publiser rare, hitle could be cast that would week more eloquently than their magnificent performance. As to the 650 kp. Wright origine, which is one of the largest hope that when this engine will have passed through the

the sade Areas development in novembers, sees in the receof ever increasing preferences, the solution of the passer

A New Duretton Record FEVER exploit of Lautenance Kelly and McCready in re-

It is to be regretted that the flight did not take place as held on nonelar ausgantism thus a unther exploit over a

The success achieved by the Lawrence Jl coppes in the Carine Names Physic Teophy uses in particularly stratelying the distance between San Days, Cal., and Habitan, and more In that this posser pleas represents the first successful Asser-

Accessibility

In locating the important units in Packard Aircraft Engines, it has been found possible to so arrange them that each one is accessible with case and without removing anything else.

PACKARD MOTOR CAR COMPANY, DETROIT, U. S. A.

PACKARD

Ask the man who flies one

The Preliminary Land Plane Races at Detroit The Detroit News Aerial Mail Trophy - Aviation Country

Club of Detroit Trophy - Liberty Enzine Builders' Trophy By Ludislan d'Orcy

assessed for the ten layo of 25.77 males, a total of 2525 The first two of the applicancery lead phase more echoduled. Trophy Exec, was held an Oct. 12 under throughout that and in violetily gody weather throughout their conditions with the condition of the con Originally the estimate sociated the [LW.F. "Ove" howher

write a record of 1051 mp h. It should be remoded to t forgetting structure wave. Leasurest Arabia finished second, at an average speed of



before expense it in a control, if was withfrance from the 160 may be for one from these figures that the new

The "Light Commercial" Nave The case for the Aventure Country (July of Tarinas Totale. ow up needly egiste.
The contents of vars the following:
No. 22-44 C. B. Andre, A.S. Martin Bomber
No. 22-45 C. W. Omensegs, A.S. Martin Bomber
No. 23-42 C. E. Baland, A.S. Martin Bomber
No. 24-42 C. E. Baland, A.S. Martin Bomber a contest for "byte removement strplenes" had originally seentries, not eve of these the not mare, manady, the begin Special entered by John L. Barrer, and the Brestal "Femal" No. 28-LL E H. Nelvon, A.S. Martin Transport. to the first or follows: No. 27-Lt. N. G. Westlandon, A.S. Army 22 (Follow No. 27-Lt. N. G. Martington, A.S. Army 22 (Follow No. 27-Lt. N. G. Martington, A.S. Army 22 (Follow) No. 22-J M Johnson, Vought WHT Special (200 bp. Ha No. 38-C, S. Josep, Curter Opole, 1950 kg. Ouries Chi. Of these marking the Honeyworn Expens was obvassib by far the facint and its victory ... seeing that the event was by the two smooth and its victory—money and the even was green speed they—man a foreigner conductor, harring a bank down. But the Liberty of the Honoymoon Express, M.S. done of the Mady-Regued Augustes, was like a cookies and Landerson Blevin was the Avielius Country Clakel on m. Viegous Classi in the manner of Mill.
We have said show that the Aeral Mad. Employ Serve musts devlayed set a question of this plotting. The state-ment should be qualified by the remerk that the Section Trans-nort is about in miles faster, then the Marks Booken. Its

server bits the Orsele and a heavy weight bring him the Fullstands of municipalities.

The Venezia Special discovered poloted by Jagge M. The Verigit equipment ware-nearer process of water as follows, ellist offfice up a fine performance which would

Oakber 23, 1922

to unform in the revent Gold Cup Base for acoust heads. There

out for the two parcedage land rever. Eleven outries, near

telding a race on Priday the thousands were resimilately No. 15. W. A. Maye, 1978 (1978 10) Lifeway; No. 18.—Opp, L. L. Harrey, NRIA COD by Wrank 182). No. 19.—Li T. J. Koern, Lepon (400 bp, Liberty). No. 19.—Li D. W. Goffser, NRIA (200 bp Wrofel H2). No. 19.—Li D. W. Godford, DYSIRP (400 bp Liberty). and that of the aspece, and mp n. The hand a sum on the Leavest were right the charges favorates, but assentes on the paint was a student or the University of Machines when he want to var in 1977, his veriency was boothy automaty popular well to var in 1977, his veriency was boothy automaty popular and hundreds of U of N shares obsered themselves boars

Loudenant Bard was uffaired an "anyminad" Dillate of the

Wanther somitteen were telerable for that clean of slape

Lepice Popless (400 kg. Liberty), winner of the Liberty Trophy rece Pilet, Lt. T. E. Kornig editors now withdraws at the last research, as the Army and but a provented the building of the speed train of the Polyttee other new videouses at the last rement, in the Army and but it provided the torong or the speed than a see a more the Kary could not agree as to the someone of the term "above recent which were scheduled to take place in the afternoon." which the Kery size without to take it in race.

secution, place as applied to the Vessels UGE granupation. In the exercise, however, several of the races made bind fights to couble the points to get more females; with their Supervisions persons who may have had manywings shout slaps. The Vongitz UO1 aperpool with the 250 kg. Amo-

The Third Pulitzer Trophy Race Licotemant Manchen's Victory on Army-Curtiss Racer at 206 m.p.h. Proves America's Supremacy in Pursuit Aviation De Ladislas & Occa-The third assent converges for the Publish Teplay, Morghan, A.S., whose Army-Cartes Barre, emigred with a ope up , averaged a speed of 100 may b. Lt. L. S. Maritant, A. S., who finished second on a ship of the same type, made the finatest loop of the race at a speed of 216-2 to-ph;

Among the Air Service Servators which had come from

tality The prict was E. L. Baker



Land Monthles standing algorithm the dymo-Cartier Roser on which he won the Publics Tousin race Oct 16









stant McBroke fourth at \$32.6 m.p.h.; and Capitale Electrical fifth at \$24.7 m.p.h. There figures show how closely the Fold, there is a size ballion seabored to a surge and con-ledded by the USS Dibugas, and from these back to Solfreign Field—the current forming on equipheral belongly of country to solar for each role. The conflictual triangle the was contented. Home commented for flythy was performed by the contestants, particularly as we proces, ***
judgment of determinished a considerable part.
The "Thurse-Mann rees," which was propagly appreciated
by those in the know of the technical conditions involved. was adopted for the course in order to changests as for a merely served to increase the interest in the Pulliner Base on

corrocos hear the Dery veriable menter strolage, which was reied sid on the eve of the race as its certrary did not county Reliev the Publish Treply more proper were given the that, there has place at 11.75 a m a root between the star Down-Mona Mill sirelesses removed from M to 55, and beinging to the Paul Parenti Group, Air Service, which is airs interced at Selfinker Pathl. This event was assembly new introced at neurosci product. This avent was approach
integral to effect a content for the trupby denoted by Brag Own
Wikhen Mitchell, and assend the John L. Minchell Trupby in the controllants were flying ships of the name type, and the

pilets of the First Person Group are naturally trained to the

the past of a reput of short 25,000 who had floring to H was at 1 p. M. were see gent common and the Trophy buyer. This included matters conjectually, as two or the Thomas Moree MINI starts (Non-64 and 62) did not start

the Thingain Moree SUDO maps (Note 64 size for one one once, The Publisher reasons were started all in health of not near then from each in crear to affect the confessions the manner possible noisty. The first heat is be flagued off remained of the Thingain Hower MIT (Captiels Mallachy), can Bon-Lian more (Lieutenaux Culturery) and two of the Verville-Spury morey (Uniterant Suchship and Lieutenau) Johnson). The maked in the second lap by refining touble, and the Thismas Marie MiP? followed said on account of lebroaton touble. Our readers are Camiliar with the technical funtures of these. sirpleres, and is particular with the segrences retractable landing over which the prior, draws into the fearbare by many

The contenturis in this root had to soore four of the five laps of the Publisher Trephy Root, making a total definance of 500 bilination, or approximately 125 moles. The root was wen by slap No 54 pixels by Leubennet Diace at an assessment

landing pair which the proc. drawn into the transage or mases of a creak. Havevey the cold mention of the fact does their public to, the excellent the gathelium felt when the two places actually did draw their landing green sets the feedage. While the Danton-Whilst many which was extend in the 1970 then had never been unblicky demonstrated in the Forted States

Local J. F. Martinel, who Amelial accord on an Army Carter Racer in the Publish Race

availing morely's records may be seen from our compress. Navy.Cartina record nown by L. A. c. Williams, co. c. and Laudenand Mangions expended the last month's speed security by Lt. H. J. Brew, U.S.N. Those shape were companily built

The second heat of Pulitary races, which was next off at

no more visible difficulty than the visualised corrust shine of To what crient this year's Politics Trophy sees lowered

Williams, Nov., 1864 in p.h., Lorestenest Backedde, Army, 5909 in p.h., Lemboune Moreley, Army, 1792 m.n.h., and

for 160 information which was made by Sadi Lecente at Pana.

Darism racers would win this year's Pullbar race—or S barrened. However a word should be said shout the two

Major-Greeni Patrick was to ulresed that he nated

Pulitzer Race Chart

Rare for Political Troubs, Historica 250 billionators (155.34 miles), 5 lass around closed circuit of 50 kilometers (31,0005 miles)

204	Fac	Bys	75.	lous	×	Della 10 apr	Ten Inta	Special Series	Tie Niet	bed Siles	Day 10 kg	Special No. Lay	The Mile	feet 600s	Tire Shiles	Seel Shiel	bette	led le le	Pirel
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Ges. L. F. Mobbet.	Amp Online				衬		HIL	21	100	254	19.7	185	9415	281	903	20	40 (5.2)	30	- 1
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	Tedebey	\$466.83															900		1
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Sec. 5. 0 856	Loning	Driver	10	per la	øf	п	1/4/2	124	2310	181	0.07	165	192	10	101710	10	282		- 1
	Tena Nov 12	Drivel	24	àmp	61	B		35	20170	181	000	161	27579	101	12/1008		D-97		
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	Nep 31 (Fight)	Thyli							NEX	581	29.4	131	04.						
Sec \$411.9 Odery	Mildeli 188	NOCH	40	147	21	20	2200	361	04										

Race for John L. Nitchell Toudes. Distance 200 kilometers. [124.274 miles], 4 laps of 50 kilometers

Sec. D. 7 Nam	Toronties 100	Y66/33	10	lety	N	3	325	ж	100736	18	10415	181	\$45	ж	947	14	1
Det. Unit Gallery					1	6	3490	101	194141	11	84011	19	\$300.N	38	3425		
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Cox. E. M. Disseled					- 22	3	10.875	254	3559.	101	2019	154	200	11	347	TKT	
Sec. 7 D Season					2	î	75-25-96	28	20140	371	000						

Seen. Bell the effect has that is make with the share fewer out, is needed to correct. The her line was taken

Sec. 7 Stebes 161 Select Cop.1 on Sey 1 Visions

As to fix "take per last," He was assemble staffinally,



Eco. 4 J. Wellens, U.S.N., Louds the Navy-Curter recer



Grains developed of the Assay Combon states (FS Age Combon States) and the Assay Combon states (FS Age Combon of the Assay Combon states) and the Assay Combon states (FS Age Combon of the Assay Combon of th

Constructional Details Seen at the Detroit Meet



Then he let ship had hashed, and the inserts total demonsted the values of Leiserstan Mangha, a prest view of first person of c clears leads not from coming the plots, anchorate sellicities, person. Here they are we wan desay were lowflex person. Here they were we made learny were lowflex person. Here they were a second and the second person of the Ampricaries America in the frest work of accountly problemage constrain for T.-Willen Maning of the Novy Polymery' 0-William T.-Willen Louising of the Novy Polymery' 0-William T.-Willen Louising of the Novy Polymery' 0-William T.-Willen Louising the Novy Polymery' 0-William

nf reductor of the Novy-Cyrim River 8-Biddator on the Thems-Marin 22, 25 - Very Herberry relocation, 13-Bid 15 - Design State of the Cyrim of Parkets, 13-14 Lossing sheet showfers 15 - British and 15 - Design of Very 15-Bidd of Booline Institute good, 16-Design of Very 15-Bidd of Booline Institute good, 16-Design of Very 15-Bidd of Booline Institute good.

Detroit Race Impressions Great Progress Indicated in

as every one knew they had had no time to Their the hou-With all these experimental encloses the totals race as relability of more than clearly indicated that they had a complete discount of personnel descript and flew with the sole shared of making the 155.34 miles in the shortest primable shoped of uniting the 100.00 make in the neglect possible team, not the terms to slove that our of the progres who as:

places of 500 raph looked as though they were travelue

The Deried States new holds the duration, sitting and

In the Observation plane were, there was no noticeable mu-

In the Publisher Temply race the mints shared there shall



The residue of the Carine Trophy race who were abstract as the starting harpy L to R.-H. W. Ablen, Ladwins #Oren.



a total of 556 belometers, netting new F.A.I. workly populs, and around with about an above a book and around to me the Panel or Cortice rever was priored hard and forth at an avera more fast, when the Cortice rever was priored hard and forth at an approx of 220 min b. Never before or the better of sixned and Cepton receive in the abuseled commo-more monophism was also especially noticeable. Capton Hanter Even more straight than the assence comed for the course while our of the Diffe's on the Leberty Engine Builders' swont

Turning from the time proceds to questions of operation, the for explane. It is sufertunately a common practice to describe or "vertical" any back over to or 70 day, but it may or cor, and, attempt distances are hard to extend when arpiners are passing at those hundred fast a second, one may

If not 27 not and a recommen of 12-42, a deflerance under per cent. After machine had countried a sancte ion in

kep h the nondecation of the sarpines on a result of tellagal force is 7.3 these that due to country and the lead here stouch to assess for all the machine, a force

Although the wingar's taxes were purhaps the speet senstricted they were not by any sound the only ones worthy of Directly. Leesteeast Sandemon, on the Navy's "saystery ship,"

Marks broker which he was printing with a back of an the excellent on a greater state, regarded as a rough of the emering the drag or wage at a low attract on a rouge or to compensation of the agr between the wings and the ground cases, and immediately after completing the turn many of the

effecting again to view the trees on the far side. On those legs at the outlies which my over the water neveral of the pinks, and particularly Lectionant Harris, wixnes of the Coun-try Club of Decord Trophy, flow so low that their whole From the point of view of design the most interesting for turn of the races was the typool which they affected of the into of the races was not proof which they assume or an importance of the wing seeign chosen for a racing machine and of the groups unsustaining of confidency personance will thick wing sections for work of that seet. Although the monoplanes were in general donner in appearance than the highlane, and one of them, the Bee-Like, regressed the had included, and one or norm, not needed, represent an many word in elimination of page, inverporating both a wing judicelor and a retractable landing year, and having a fundage of excellent form, the first fony finishers in the Politics race were all hiphase with wire brailing, and the measure heat inp was 11 min. 27 one on everage of 160 m.g.h. The rain-trudy low speed must be attributed largely to the wing

section selected, which was thigh and conceve on the lower surface with the maximum ordinate rather well forward, as In many of the sections developed at GREEF use. The Veneral Sperry encaptures, the best of which turned up at 160; mph, wool one of the incomed wines developed at the Laurette

The evaluate of this race is re-endorsed by Recopers on erronce with high-speed mackines, as all of the records in bears, likely, and Euriand man the way have been made 'XI which was the fasted extract using Leathers More direct evidence is much by the great difference between the

of variably will all have to be even much study. The founda-

The adaptation of the new features of these racing types

max type or aggress, the way to started design and man

Here the Army-Currac Roper you Fault

the classes of that course which has elained that all wing the reasonbreed that competition in also a very consum-

Wase radiators of different forms and materials were six

and redder and hetween stabilizer and elevators. Strips of algo with lines tape, leaving the rurfaces perfectly smooth

for wheels. The most up-to-date method of strengthing a set about to improve on that with the result that a spring of M per coul of the wheel business was effected. The result

Onder 23, 1892

to reduce the bond recontance of recliators, and to do ever with

naments, readings increases not in direct properties but in a mire of the "senam of the speed." The two Prough "Lambles" reduction seed before were the

The retractable landour near is of a type that is extraordg was relayed A new winn-contour was adouted. Thus is the CET, having

his resistance and a higher lift of high speed than may winover tooled. This shape was cropped in the Custim accordi-Remodits one were fitted around all bolt heads and \$10mgs

It its observement of melicos were fifed and rotated out with Iudo, the highest wand emisting. Were bermands were An improved adea was carried out for covering the spaces

assure of about 1999 order, at a speed everyone 199 map h. such. It was found that a wheel with a field of between ma was

past has long demonstrated in two forced leading, one sealing on Mitchel Print in a 20 males deserved and one sealing on Mitchel Print in a 20 males deserved and one

on a very simil, rough field, where the poles would have a better chemos by landing with the pole retracted, undead of extended. The ability to level well beckers may account

ables of all streetural parts in the aprotonum. There are only makes the macking very clean with landing every in the re-

The wide treet landing genr gives great stability on the

m bred restrictor achieved. The respedance of the landing

study. Its physical and detailed layout make it possible to manere of who an agreement appearance about true. The male

west through the sir with the greatest saving of power. Build

come from the comparative costs of near-bases hards at govern event furthern and statility numbered built in a paymen along.



October 23, 300

Senter 25, 192

VIATION











FOREMON THE AIR

THIS organization departed war record of production of over-things has always led in American Agronautical engine and production. Beginning with the 150 AIP. However 151 Chem distort the larger 300 H.P. model of their has brought to beaut the valuable experience told in the primerouse of the valuable experience told in the primerouse of the production of the production of the production of the Perhaps an even great has been the design and development of the primer Model T-2, as well as

Average as even the steps as over the design and development of the slower Model T-2, as well as several other air and were.

Across the puge of unton the name WRIGHT strands out boldly in all a succusational engineering, and this company with I desupers and the experienced production out bounds of the other world of Avancion is placed.

ene power-water in the world is

WRIGHT AERONAUAL CORPORATION

PATERSON, ERSEY, U.S.A.

tracted position, making a difference on rocad of 12 m.p.h., 1923 Naval Availion development program. Tests of the remetable of the same or assessments or the bosons or array remetable terms, at many Publican in the ner to Ready, resear-

The Near Sec-Line Rocers

The Bre-Lone recers were not sufficiently flight tested or

The Mary "Mysters," which has not previously been de-

labor being not at an angle in the nacts. The two walls are

October 23, 1928

The HW or Navy-Wright, as the place is officially called presents two unusual accelerance fections. There are the strumwenton of a small or "hell" wang in the landage per-

The two Thomas-Name succes, Madel THES, engineed with

The Navy-Weight was flown flow trace before one mon-according to the prior, Lorestenant Sunderson, she was admirably

Sid. a updifed two-senter pleas, with Accountage USIS strong to be entered. In this case two standard With A above

come profilerty of the periodic place, so the other five The rapper development shows at the Detroit need pade

- duct and note in the erry. The say flows in at the opening

at of the pure t way. The construction accommisses for its

tensor a marginer of teles, which nonzewhat merrana parents

final to the water final

Asserted spitch in the lend of the moral for nower about that he was registly being or, monedarity for us and made or longing. Of pressure was not choosend, and registr was functional, and registr was functional, and registr was

> though, in order to ranks a quick hading before further though, is order to make a conce though senses turious remains when synth and through were cut of. The sire was restant; under contest and the paid made a Bridging in fifth ow sizer an purpose, so that he could prevent age possibility of few and still not not with the nationals of difficulty. The Perhapt copies of 600 kg, is estawly of Army decel 4 offsets large possibilities for married surplane per-

On the second of the Faintier visc, on a title flight for the John L. Mitchell cop, not standard MBS persons places, built for the Parents Arrefuse Co, with stock HS summer in Same

The Verrite-Sparry Eners (130 by Wright M2) on which Lord E. H. Berkelale (in melation) faculted fifth in the

tion. That the Accounting Airways' spice-\$52 proped of these Lessons of the Curtiss Marine Flying Trophy Race weight with illner who attended the races was shown by the fact that many distinguished queets used this speck, condex while way to so hard and facily to Saffenday No. 1 Ry Rear Admirel William A. Moffett matters of which a detected account will be given in our Oct The amplitude race at Detroit was a presentate Maximition of Stolds Goor Drove Clouds The Callandet D4 was entered to try out the Callandet varied and were the Navy called upon to define our consta reduction year days. The guar worked perfectly, had Lava

adult in starting, but recimend to fix arrest laps in the Of the right planes which started, four are of substantially on one reper planes were merce, over are of sidelativity

man our or agreement and opposed at their derivation on whole solvent of record swindow.

transportation. Many of the violent gave a common demonstration of possibilities in that diversor by covered to fine

Gen, Mitchell Sets New World's Speed Record

Averages 224 m.p.b. over 1-Kilometer Course

average speed of 220 mph. Some press dampatches even spoke of a measurem speed of 246.5 m.p.h., but the figule has not been substantanted. Owing to a manufarpyritation of the F.A.I rates by the fiers, some of these speed trails were ra Oct. 13, at Selfridge Fools, Mount Clarent, Mick., at engrad out in a ringle flight of four laps, two is each date

thank by the American renewatshires of the International Whitehead, both poleting Lorentz racers fitted with 600 kg provide the new official world's speed record Graced Mitchell in these speed treats flow twice apwend racears request, control the I defineder centes at an average speed of 181 m.p.h.; Captain Heatro, on a Thomas Morse 25, at 177 m.p.h.; and Livet Colloway, U.S.R., on the Bee Late

water, at 177 manh

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Four handred and these people made flights on the sield and 24, 202 mery correct and of these, 163 man, woman. These Synny houle are kept in almost constant operation from the

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at poses. We have all the sentent of value in econtraction.

Two models of the TS were built one with the new Lawrence arrended reday engine of 200 by and one with the Accounts outs at long, water-resided regime of 200 km. The

aw very close sadeed. However, there is a bence in the

ar-cooled region remost fell for the remost.

The two please designated 'TB' are nothing but T8 places.

requires a legitor leading speed. Our had a Levintor nu-

The performance of the triplenges was cooling to receive leave-yes, that they are requested slaw to get out of the wair In conclusion, I with to expose my appreciation of the

and an additional guarantee of safety. Designary of planes.

Londonwet Sanderson's care with the other triplane was a perfect more of valeties, and he led the field until be mu-

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The "New Gull," the most famous DEI us the Arroy, to be

never even give cut of gas while in flight. It will have st

has the first educed publics ever installed on a DII still intest.

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Twits have shown a close, of 180 ft, as the first sensite and 5500 ft, as 18 sens, with 800 ft head, as researced with 1000

Well step 200 with Advances of Abra (I) mind comparament.

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the Asymmetric Co. for a set of appelled. The same with the DII, while the lines element to slightly
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Working with representatives of othe states for the proposed northern air m to South, C. H. Merier and K. L. V. Spoknas delegates to the conventes of

Speciman delegation to the conventing of the American Nythends Accommissed association in Detroit, Oct 22, 13, and 38. Mer William and Westfall are members of the Mikhary Affairs of countries of the Spekines Chember of Commons and were shaped, from that body to represent Epithian at the expression.

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October 15, 1922

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